

Claims:

1. A method for the gasification of coal wherein a slurry of coal and water is supplied to a gasification reactor, characterized in that at least a part of the water is supplied in a form of steam
5 to the gasification reactor.
2. The method for the gasification of coal according to claim 1, wherein substantially all of the water is supplied in a form of steam to the gasification reactor.
3. The method for the gasification of coal according to claim 1,
10 wherein a mixture is supplied to the gasification reactor, the mixture being obtained by heating the slurry of coal and water to 150°C to 450°C at a pressure of 0.2 to 11.5MPa to thereby vaporize at least a part of the water.
4. The method for the gasification of coal according to claim 3,
15 wherein the slurry of coal and water is heated with a heating medium having a temperature of 200 to 600°C.
5. The method for the gasification of coal according to claim 1, wherein a water content is in a range of from 27 to 50 wt.% based on a total weight of the slurry.
- 20 6. The method for the gasification of coal according to claim 1, wherein the coal is pneumatically transferred by steam into the gasification reactor, the steam being obtained by heating the slurry of coal and water.